Material Safety Data Sheet for FT DEGREASE RESIST INK BLUE / DG BLUE

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MSDS 5811

Product Identification

Product Name: FT DEGREASE RESIST INK BLUE Other Names: W179
HMIS Health:2 Flammability: 3 Reactivity: 0 Pers Prot: C
Chemical Family: SOLVENT BASE INK MSDS Number:DG BLUE
DOT Hazard Class: UN 1210 WHMIS (Canada Only):B3
DOT Shipping Name: FLAMMABLE LIQUID Date Prepared: Feb. 1,1999

Hazardous Ingredient

Information on this Material Safety Data Sheets refers to inks used in pens and markers, however, it applies to these inks in bulk. The inks are contained in capillary or valve reservoirs and will not spill or leak under normal conditions.

Ingredient	CAS Reg. Num.#	% (wt)	Threshold Limit Value
METHYL ISOBUTYL KETONE	108-10-1	67	50 PPM TWA
CYCLOHEXANONE	108-94-1	20	25 PPM TWA
VINYL RESIN	25086-48-0	8	15 mg/M³*
PCN BLUE	147-14-8	5	10 mg/M³*

This product is in compliance with the EPA TSCA Inventory

Physical Data

Boiling Point Low: 239°F (115 °C) high: 316 °F (158 °C)
Specific Gravity: <1.0 Viscosity: Vapor Pressure: 15 @ 68°F
% Volatile by Volume: 75-85 Vapor Density: 3.4
Solubility in Water: NIL V.O.C.: Evaporation: SLOWER Than Ether.
Appearance: THIN LIQUID WITH MILDLY PUNGENT ODOR

Fire and Explosion Data:

Flash Point:60°F LEL:1.00% UEL:9.00%
Extinguishing Media: FOAM, CO2, DRY CHEMICAL, WATER SPRAY
Unusual Hazards: NA Special Procedures: NNR

Health Hazard Data

Listed as possible Carcinogen: NTP:NL IARC: NL OSHA: NL
If yes, :
Symptoms of Overexposure:HEADACHE, DIZZINESS,NAUSEA,ANESTHESIA, COUGHING, EYE, THROAT, IRRITATION.
Effects of Overexposure: SLIGHT TO SEVERE IRRITATION TO EYES AND MUCOUS MEMBRANES OF NOSE & THROAT. DERMATITIS. AFFECTS CENTRAL NERVOUS SYSTEM
Primary Routes of Entry: INGESTION, DERMAL OR INHALATION
Emergency First Aid: INHALATION; SEEK FRESH AIR.GIVE ARTIFICIAL RESPIRATION IF NOT BREATHING. SKIN CONTACT; WASH WITH COPIOUS WATER. INGESTION; CALL PHYSICIAN.

Reactivity Data:

Stability:STABLE Hazardous Polymerization: WILL NOT OCCUR
Conditions to avoid:HEAT, OPEN FLAME AND SPARKS
Incompatability:DO NOT MIX WITH STRONG OXIDANTS
Hazardous Decomposition Products CARBON MONOXIDE, CARBON DIOXIDE, & UNIDENTIFIED ORGANIC COMBUSTION PRODUCTS

Environmental Protection Procedures:

Spill Response:REMOVE ALL IGNITION SOURCES, VENTILATE AREA, USE ABSORBENT MATERIAL TO CLEAN SPILL.
Disposal Methods:DISPOSE OF WASTE IN ACCORDANCE WITH LOCAL AND FEDERAL REGULATIONS.
Protective Gear:NNR
Additional Measures:KEEP AWAY FROM HEAT,FIRE AND STRONG OXIDANTS. STORE IN COOL PLACE(ROOM TEMP.) USE ADEQUATE VENTILATION
Special Precautions:NA

* = "Free Dust", not bound in paint/ink matrix NA = Not Applicable NL = Not Listed NNR = Not Normally Required NE = Not Established
Revision: JC-8/99 Add'l Info: